

10/1554251

JC20 Rec'd PCT/PTO 24 OCT 2005

Docket No.: 3782-0313PUS1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Andreas BJÖRKLUND et al.

Application No.: NEW

Confirmation No.: N/A

Filed: October 24, 2005

Art Unit: N/A

For: METHODS, APPARATUS, COMPUTER
PROGRAM AND STORAGE MEDIUM FOR
POSITION DECODING

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

Those documents which are marked with a double asterisk (**) next to the Cite No. in the attached form PTO/SB/08 (facsimile) are not supplied because they were previously cited by or submitted to the Office in a prior application number PCT/SE2004/000660, filed April 29, 2004. Those documents not listed in the Search Report, can be found cited in the specification, thereby satisfying the relevancy requirements.

A concise explanation of relevance of some of the items listed on form PTO/SB/08 is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

10/554231

Application No.: NEW

Docket No.: 3782-0313PUS1

JC20 Rec'd POM 24 OCT 2005

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Dated: October 24, 2005

Respectfully submitted,

By  # 39,491
Michael K. Mutter
Registration No.: 29,680
BIRCH, STEWART, KOLASCH & BIRCH, LLP
8110 Gatehouse Road
Suite 100 East
P.O. Box 747
Falls Church, Virginia 22040-0747
(703) 205-8000
Attorney for Applicant

| | | | | | |
|---------------------------------|---|----|---|------------------------|-------------------|
| Substitute for form 1449A/B/PTO | | | | Complete if Known | |
| | | | | Application Number | NEW 30/554231 |
| | | | | Filing Date | October 24, 2005 |
| | | | | First Named Inventor | Andreas BJÖRKLUND |
| | | | | Art Unit | N/A |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 1 | of | 1 | Attorney Docket Number | 3782-0313PUS1 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| SCC/ | AA** | US-5,872,871-A | 02-16-1999 | YOKOYAMA et al. | |
| | AB** | US-6,310,988-B1 | 10/2001 | Flores et al. | |
| | AC** | US-4,817,171-A | 03-28-1989 | STENTIFORD | |
| | AD* | US-5,477,012-A | 12-19-1995 | Sekendur | |
| | AE* | US-6,570,104 | 05-27-2003 | Ericson et al. | |
| | AF* | US-6,674,427-B1 | 01-06-2004 | Pettersson et al. | |
| | AG* | US-6,667,695-B2 | 12-23-2003 | Pettersson et al. | |
| | AH* | US-2003/0012455-A1 | 01-16-2003 | OLSSON et al. | |
| | AI* | US-5,973,110-A | 10-26-1999 | MULLER et al. | |
| | AJ* | US-2003/0128194-A1 | 07-10-2003 | Pettersson | |
| | AK* | US-6,548,768-B1 | 04-15-2003 | PETTERSSON et al. | |
| | AL* | US-2002/0044138-A1 | 04-18-2002 | Edso et al. | |
| W | AM* | US-6,663,008-B1 | 12-16-2003 | Pettersson et al. | |
| | AN* | US-2004/0188526-A1 | 09-30-2004 | OLSSON et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | |
| SCC/ | BA** | EP-0 469 868-A2 | 07-30-1991 | | |
| | BB** | WO-03/001441-A1 | 01-03-2003 | | |
| W | BC | WO-92/17859-A1 | 10-15-1992 | | |
| | BD | WO-01/16692-A1 | 03-08-2001 | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ** CITE NO.: Those document(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. ¹ Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS | | | | | |
|---------------------------------|-----------------------|---|--|--|----------------|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | T ² |
| | | | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

| | | | |
|--------------------|-----------------|-----------------|------------|
| Examiner Signature | /Sheela Chawan/ | Date Considered | 11/24/2008 |
|--------------------|-----------------|-----------------|------------|